

Phrynosoma
platyrhinos

Phrynosoma
platyrhinos

No. 14-4 Date 10/59

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	19 62.7	29.7
2	19 62.7	36.3
3	21 69.3	49.5
4	17 56.1	52.8
5	23 75.9	49.5
6	18 59.4	36.3
7	22 72.6	49.5
8	20 66.0	39.6
9	20 66.0	36.3
10	20 66.0	42.9
T	656.7	722.4
\bar{x}	65.7	42.2

Sertoli Cells: seen

Remarks: incubated 72 h. 0.2%

No. 14-5 Date 10/5/59

Spermatogenic Condition 6

Interstitial Cell ⁽³⁾ nuclear diam.		Seminiferous ⁽²⁾ tubule diam.		Seminiferous epith. height	
1	3 6.3	52	171.6	9	29.7
2	3 6.3	53	174.9	11	36.3
3	3 6.3	51	168.3	15	49.5
4		57	168.3	16	52.8
5		53	174.9	15	49.5
6		58	191.4	11	36.3
7		47	155.1	15	49.5
8		47	155.1	12	39.6
9		53	174.9	11	36.3
10		53	174.9	13	42.9
T		1709.4		422.4	
\bar{x} 6.3		170.9		42.2	

Sertoli Cells: seen

Remarks: circular IC cells

No. 14-6. Date 01/59
0

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1 3 - 6.3	14 - 46.2	
2 2 - 4.2	14 46.2	
3 5 - 6.3	12 39.6	
	12 39.6	
4	15 49.5	
5	12 39.6	
6	15 49.5	
7	11 36.3	
8	14 46.2	
9	18 59.4	
10		
T 16.8	452.1	
\bar{x} 5.6	45.2	

Sertoli Cells: seen

Remarks: _____

No. 14-7. Date V. 1/59

Spermatogenic Condition 8

Interstitial Cell		Seminiferous		Seminiferous
nuclear diam.		tubule diam.		epith. height
1	3 - 6.3	28	92.4	
2	2 4.2	30	99.0	
3	3 6.3	28	92.4	
4		28	92.4	
5		31	102.3	
6		25	82.5	
7		24	79.2	
8		28	92.4	
9		21	69.3	
10		29	95.7	
T 16.8		897.6		
\bar{x} 5.6		89.8		

Sertoli Cells: seen

Remarks: _____

No. 14-8. Date VI/59

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	16 - 52.8	
2	13 42.9	
3	16 52.8	
4	13 42.9	
5	12 39.6	
6	13 42.9	
7	13 42.9	
8	14 46.2	
9	14 46.2	
10	14 46.2	
T	455.4	
\bar{x}	45.5	

Sertoli Cells: seen

Remarks: _____

No. 14-9 Date 4/6/59
7

Spermatogenic Condition 6

Interstitial Cell		Seminiferous		Seminiferous	
nuclear diam.		tubule diam.		epith. height	
1	3 6.3	41	135.3	6	19.8
2	3 6.3	29	95.7	7	23.1
3		37	122.1	12	39.6
4		36	118.8	10	33.0
5		38	125.4	10	33.0
6		43	141.9	11	36.3
7		49	161.7	15	49.5
8		37	122.1	12	39.6
9		36	118.8	10	33.0
10		29	95.7	9	29.7
T		1237.5		336.6	
\bar{x} 6.3		123.8		33.7	

Sertoli Cells: seen

Remarks: _____

No. 14-10 Date 11/6/59

Spermatogenic Condition 7

Interstitial Cell		Seminiferous		Seminiferous	
nuclear diam.		tubule diam.		epith. height	
1	3	6.3	39 - 128.7	6 -	19.8
2	3	6.3	38 125.4	6	19.8
			56 184.8	10	33.0
3			45 148.5	9	29.7
4			28 92.4	6	19.8
5			33 108.9	11	36.3
6			35 115.5	8	26.4
7			36 118.8	8	26.4
8			40 132.0	5	16.5
9			35 115.5	7	23.1
10					
T			1270.5		250.8
\bar{x} 6.3			127.0		25.1

Sertoli Cells: seen

Remarks: _____

No. 14-11 Date III/5-9

Spermatogenic Condition 6

	(5) Interstitial Cell nuclear diam.	(2) Seminiferous tubule diam.	Seminiferous epith. height
1	3 6.3	40 132.0	10 33.0
2	3 6.3	37 122.1	6 19.8
3		32 105.6	5 16.5
4		48 158.4	7 23.1
5		40 132.0	12 39.6
6		40 132.0	9 29.7
7		38 125.4	5 16.5
8		37 122.1	11 36.3
9		45 148.5	10 33.0
10		38 125.4	8 26.4
T		1554.3	273.9
\bar{x}	6.3	155.4	27.4

Sertoli Cells: seen

Remarks: _____

$\bar{E} = 46.2 \mu$ (3)

No. 14-12 Date VIII/5-9

Spermatogenic Condition 4

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	(3) 6.3	59	194.7	15	49.5
2	3 6.3	55	181.5	13	42.9
3	3 6.3	54	178.2	20	66.0
4		49	161.7	12	39.6
5		44	145.2	7	23.1
6		45	148.5	10	33.0
7		60	198.0	14	46.2
8		51	168.3	10	33.0
9		50	165.0	15	49.5
10		55	181.5	14	46.2
T		172.2.6		429.0	
\bar{x} 6.3		172.3		42.9	

Sertoli Cells: seen

Remarks: _____

No. 14-15 Date 1X/59

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1 3 6.3	13 - 42.9	
2	22 72.6	
3	15 49.5	
4	18 59.4	
5	15 49.5	
6	15 49.5	
7	15 49.5	
8	19 62.7	
9	17 56.1	
10	14 52.8	
T	544.5	
\bar{x} 6.3	54.4	

Sertoli Cells: seen

Remarks: _____

No. 14-17 Date 11/1/60Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	65 - 214.5	18 - 59.4
2	87 287.1	18 59.4
3	59 194.7	19 62.7
4	50 165.0	13 42.9
5	87 287.1	17 56.1
6	65 214.5	17 56.1
7	64 211.2	17 56.1
8	62 204.6	11 36.3
9	66 217.8	11 36.3
10	61 201.3	15 49.5
T	2197.8	514.8
\bar{x}	219.8	51.5

Sertoli Cells: seenRemarks: poor tissue

No. 1418Date 11/1/60Spermatogenic Condition 3

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1 <u>3</u> 6.3	52 - 165.0	17 - 56.1
2 <u>3</u> 6.3	49 161.7	15 49.5
3 <u>3</u> 6.3	41 135.3	12 39.6
4	63 207.9	17 56.1
5	73 240.9	19 62.7
6	54 178.2	14 46.2
7	50 165.0	13 42.9
8	57 188.1	14 46.2
9	64 211.2	15 49.5
10	60 198.0	13 42.9
T	1851.3	491.7
\bar{x} 6.3	185.1	49.2

Sertoli Cells: seenRemarks: _____

No. 14-19 Date 11/60

Spermatogenic Condition 3

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3 6.3	42	138.6	16	52.8
2	3 6.3	48	158.4	16	52.8
3	3 6.3	48	158.4	13	42.9
4		41	135.3	12	39.6
5		55	181.5	12	39.6
6		46	151.8	12	39.6
7		44	145.2	11	36.3
8		43	141.9	13	42.9
9		49	161.7	16	52.8
10		47	155.1	14	46.2
T		1527.9		445.5	
\bar{x} 6.3		152.8		44.6	

Sertoli Cells: seen

Remarks: _____

No. 14-21 Date 10/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3 6.3	72	237.6	15	49.5
2	3 6.3	66	217.8	14	46.2
3	4 8.4	70	231.0	20	66.0
4		63	207.9	13	42.9
5		66	217.8	16	52.8
6		64	211.2	13	42.9
7		59	194.7	10	33.0
8		62	204.6	13	42.9
9		66	217.8	20	66.0
10		49	161.7	16	52.8
T		2102.1		495.0	
\bar{x}		210.2		49.5	

Sertoli Cells: seen

Remarks: _____

No. 14-22 Date 10/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam. ⁽³⁾		Seminiferous tubule diam. ⁽²⁾	Seminiferous epith. height
1	4 8.4	63 207.9	12 - 39.6
2	4 8.4	67 221.1	13 42.9
3	4 8.4	90 297.0	14 46.2
4		73 240.9	17 56.1
5		70 231.0	19 62.7
6		74 244.2	13 42.9
7		66 198.0	10 33.0
8		64 211.2	17 56.1
9		67 221.1	13 42.9
10		70 231.0	15 49.5
T		2303.4	471.9
\bar{x} 8.4		230.3	47.2

Sertoli Cells: seen

Remarks: _____

$E = 39.6 \mu$ ⁽³⁾

No. 14-23Date 10/60Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1 3 6.3	55 - 181.5	15 - 49.5
2 3 6.3	67 221.1	17 52.1
3	63 207.9	21 69.3
4	60 198.0	10 33.0
5	59 194.7	17 52.1
6	62 204.6	16 52.8
7	48 158.4	10 33.0
8	63 207.9	11 36.3
9	57 168.3	9 29.7
10	60 198.0	13 42.9
T	1940.4	458.4
\bar{x} 6.3	194.0	45.8

Sertoli Cells: seenRemarks: _____

No. 14-24 Date 10/60

Spermatogenic Condition 6

	<u>(3)</u> Interstitial Cell nuclear diam.		<u>(2)</u> Seminiferous tubule diam.		Seminiferous epith. height	
1	4	8.4	61	201.3	10	33.0
2	3	6.3	68	224.4	14	46.2
3	4	8.4	54	178.2	18	59.4
4			60	198.0	10	33.0
5			63	207.9	19	62.7
6			57	188.1	10	33.0
7			61	201.3	17	56.1
8			72	237.6	15	49.5
9			56	184.8	15	49.5
10			63	207.9	12	39.6
T	23.1		2029.5		462.0	
\bar{x}	7.7		203.0		46.2	

Sertoli Cells: seen

Remarks: _____

No. 14-25 Date 10/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3 6.3	62	204.6	17	56.1
2	3 6.3	54	178.2	15	49.5
3	3 6.3	50	165.0	9	29.7
4		48	158.4	15	49.5
5		46	151.8	14	46.2
6		49	161.7	10	33.0
7		77	254.1	19	62.7
8		72	237.6	18	59.4
9		62	204.6	11	36.3
10		62	204.6	16	52.8
T		1920.6		475.2	
\bar{x} 6.3		192.1		47.5	

Sertoli Cells: seen

Remarks: _____

No. 14-26 Date 10/60

Spermatogenic Condition 6

Interstitial Cell ⁽⁵⁾ nuclear diam.		Seminiferous ⁽²⁾ tubule diam.		Seminiferous epith. height	
1	3 6.3	70	231.0	16	52.8
2	4 8.4	70	231.0	11	36.3
3	3 6.3	62	204.6	13	42.9
4		64	211.2	12	39.6
5		60	198.0	14	46.2
6		54	178.2	14	46.2
7		60	198.0	15	49.5
8		52	184.8	16	52.8
9		67	221.1	17	56.1
10		58	191.4	11	36.3
T 21.0		2049.3		458.7	
\bar{x} 7.0		204.9		45.9	

Sertoli Cells: seen

Remarks: _____

No. 14-27 Date 12/60
Spermatogenic Condition (2) 6

Interstitial Cell		Seminiferous		Seminiferous	
nuclear diam.		tubule diam.		epith. height	
1	3 6.3	46	151.8	15	49.5
2	3 6.3	42	138.6	13	42.9
3	4 8.4	47	155.1	15	49.5
4		44	145.2	15	49.5
5		52	171.6	14	46.2
6		50	165.0	6	19.8
7		60	198.0	13	42.9
8		56	184.8	14	52.8
9		52	184.8	10	33.0
10		48	158.4	13	42.9
T 21.0		1653.3		429.0	
\bar{x} 7.0		165.3		42.9	

Sertoli Cells: Seen

Remarks: _____

No. 14-28 Date 10/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	4 8.4	60 - 198.0	17 - 56.1
2	3 6.3	55 181.5	10 33.0
3	3 6.3	52 184.8	12 39.6
4		72 237.6	19 62.7
5		57 188.1	11 36.3
6		62 204.6	14 46.2
7		54 178.2	15 49.5
8		66 217.8	15 49.5
9		58 191.4	12 39.6
10		61 201.3	14 46.2
T	21.0	1983.3	458.7
\bar{x}	7.0	198.3	45.9

Sertoli Cells: seen

Remarks: _____

$\bar{E} = 52.8 \mu$

(2)

Account Statement Period: 01/01/2024 - 31/12/2024

Date		Description		Debit	Credit	Balance
01/01		Opening Balance				1000.00
05/01	01/01	Salary			500.00	1500.00
10/01	01/01	Expenses		200.00		1300.00
15/01	01/01	Transfer			100.00	1400.00
20/01	01/01	Income			300.00	1700.00
25/01	01/01	Expenses		150.00		1550.00
30/01	01/01	Transfer			250.00	1800.00
05/02	01/01	Income			100.00	1900.00
10/02	01/01	Expenses		100.00		1800.00
15/02	01/01	Transfer			150.00	1950.00
20/02	01/01	Income			200.00	2150.00
25/02	01/01	Expenses		120.00		2030.00
30/02	01/01	Transfer			120.00	2150.00
05/03	01/01	Income			100.00	2250.00
10/03	01/01	Expenses		80.00		2170.00
15/03	01/01	Transfer			180.00	2350.00
20/03	01/01	Income			250.00	2600.00
25/03	01/01	Expenses		100.00		2500.00
30/03	01/01	Transfer			100.00	2600.00
05/04	01/01	Income			150.00	2750.00
10/04	01/01	Expenses		120.00		2630.00
15/04	01/01	Transfer			120.00	2750.00
20/04	01/01	Income			200.00	2950.00
25/04	01/01	Expenses		150.00		2800.00
30/04	01/01	Transfer			150.00	2950.00
05/05	01/01	Income			100.00	3050.00
10/05	01/01	Expenses		80.00		2970.00
15/05	01/01	Transfer			180.00	3150.00
20/05	01/01	Income			250.00	3400.00
25/05	01/01	Expenses		100.00		3300.00
30/05	01/01	Transfer			100.00	3400.00
05/06	01/01	Income			150.00	3550.00
10/06	01/01	Expenses		120.00		3430.00
15/06	01/01	Transfer			120.00	3550.00
20/06	01/01	Income			200.00	3750.00
25/06	01/01	Expenses		150.00		3600.00
30/06	01/01	Transfer			150.00	3750.00
05/07	01/01	Income			100.00	3850.00
10/07	01/01	Expenses		80.00		3770.00
15/07	01/01	Transfer			180.00	3950.00
20/07	01/01	Income			250.00	4200.00
25/07	01/01	Expenses		100.00		4100.00
30/07	01/01	Transfer			100.00	4200.00
05/08	01/01	Income			150.00	4350.00
10/08	01/01	Expenses		120.00		4230.00
15/08	01/01	Transfer			120.00	4350.00
20/08	01/01	Income			200.00	4550.00
25/08	01/01	Expenses		150.00		4400.00
30/08	01/01	Transfer			150.00	4550.00
05/09	01/01	Income			100.00	4650.00
10/09	01/01	Expenses		80.00		4570.00
15/09	01/01	Transfer			180.00	4750.00
20/09	01/01	Income			250.00	5000.00
25/09	01/01	Expenses		100.00		4900.00
30/09	01/01	Transfer			100.00	5000.00
05/10	01/01	Income			150.00	5150.00
10/10	01/01	Expenses		120.00		5030.00
15/10	01/01	Transfer			120.00	5150.00
20/10	01/01	Income			200.00	5350.00
25/10	01/01	Expenses		150.00		5200.00
30/10	01/01	Transfer			150.00	5350.00
05/11	01/01	Income			100.00	5450.00
10/11	01/01	Expenses		80.00		5370.00
15/11	01/01	Transfer			180.00	5550.00
20/11	01/01	Income			250.00	5800.00
25/11	01/01	Expenses		100.00		5700.00
30/11	01/01	Transfer			100.00	5800.00
05/12	01/01	Income			150.00	5950.00
10/12	01/01	Expenses		120.00		5830.00
15/12	01/01	Transfer			120.00	5950.00
20/12	01/01	Income			200.00	6150.00
25/12	01/01	Expenses		150.00		6000.00
30/12	01/01	Transfer			150.00	6150.00
05/01/25	01/01	Income			100.00	6250.00
10/01/25	01/01	Expenses		80.00		6170.00
15/01/25	01/01	Transfer			180.00	6350.00
20/01/25	01/01	Income			250.00	6600.00
25/01/25	01/01	Expenses		100.00		6500.00
30/01/25	01/01	Transfer			100.00	6600.00
05/02/25	01/01	Income			150.00	6750.00
10/02/25	01/01	Expenses		120.00		6630.00
15/02/25	01/01	Transfer			120.00	6750.00
20/02/25	01/01	Income			200.00	6950.00
25/02/25	01/01	Expenses		150.00		6800.00
30/02/25	01/01	Transfer			150.00	6950.00
05/03/25	01/01	Income			100.00	7050.00
10/03/25	01/01	Expenses		80.00		6970.00
15/03/25	01/01	Transfer			180.00	7150.00
20/03/25	01/01	Income			250.00	7400.00
25/03/25	01/01	Expenses		100.00		7300.00
30/03/25	01/01	Transfer			100.00	7400.00
05/04/25	01/01	Income			150.00	7550.00
10/04/25	01/01	Expenses		120.00		7430.00
15/04/25	01/01	Transfer			120.00	7550.00
20/04/25	01/01	Income			200.00	7750.00
25/04/25	01/01	Expenses		150.00		7600.00
30/04/25	01/01	Transfer			150.00	7750.00
05/05/25	01/01	Income			100.00	7850.00
10/05/25	01/01	Expenses		80.00		7770.00
15/05/25	01/01	Transfer			180.00	7950.00
20/05/25	01/01	Income			250.00	8200.00
25/05/25	01/01	Expenses		100.00		8100.00
30/05/25	01/01	Transfer			100.00	8200.00
05/06/25	01/01	Income			150.00	8350.00
10/06/25	01/01	Expenses		120.00		8230.00
15/06/25	01/01	Transfer			120.00	8350.00
20/06/25	01/01	Income			200.00	8550.00
25/06/25	01/01	Expenses		150.00		8400.00
30/06/25	01/01	Transfer			150.00	8550.00
05/07/25	01/01	Income			100.00	8650.00
10/07/25	01/01	Expenses		80.00		8570.00
15/07/25	01/01	Transfer			180.00	8750.00
20/07/25	01/01	Income			250.00	9000.00
25/07/25	01/01	Expenses		100.00		8900.00
30/07/25	01/01	Transfer			100.00	9000.00
05/08/25	01/01	Income			150.00	9150.00
10/08/25	01/01	Expenses		120.00		9030.00
15/08/25	01/01	Transfer			120.00	9150.00
20/08/25	01/01	Income			200.00	9350.00
25/08/25	01/01	Expenses		150.00		9200.00
30/08/25	01/01	Transfer			150.00	9350.00
05/09/25	01/01	Income			100.00	9450.00
10/09/25	01/01	Expenses		80.00		9370.00
15/09/25	01/01	Transfer			180.00	9550.00
20/09/25	01/01	Income			250.00	9800.00
25/09/25	01/01	Expenses		100.00		9700.00
30/09/25	01/01	Transfer			100.00	9800.00
05/10/25	01/01	Income			150.00	9950.00
10/10/25	01/01	Expenses		120.00		9830.00
15/10/25	01/01	Transfer			120.00	9950.00
20/10/25	01/01	Income			200.00	10150.00
25/10/25	01/01	Expenses		150.00		10000.00
30/10/25	01/01	Transfer			150.00	10150.00
05/11/25	01/01	Income			100.00	10250.00
10/11/25	01/01	Expenses		80.00		10170.00
15/11/25	01/01	Transfer			180.00	10350.00
20/11/25	01/01	Income			250.00	10600.00
25/11/25	01/01	Expenses		100.00		10500.00
30/11/25	01/01	Transfer			100.00	10600.00
05/12/25	01/01	Income			150.00	10750.00
10/12/25	01/01	Expenses		120.00		10630.00
15/12/25	01/01	Transfer			120.00	10750.00
20/12/25	01/01	Income			200.00	10950.00
25/12/25	01/01	Expenses		150.00		10800.00
30/12/25	01/01	Transfer			150.00	10950.00
05/01/26	01/01	Income			100.00	11050.00
10/01/26	01/01	Expenses		80.00		10970.00
15/01/26	01/01	Transfer			180.00	11150.00
20/01/26	01/01	Income			250.00	11400.00
25/01/26	01/01	Expenses		100.00		11300.00
30/01/26	01/01	Transfer			100.00	11400.00
05/02/26	01/01	Income			150.00	11550.00
10/02/26	01/01	Expenses		120.00		11430.00
15/02/26	01/01	Transfer			120.00	11550.00
20/02/26	01/01	Income			200.00	11750.00
25/02/26	01/01	Expenses		150.00		11600.00
30/02/26	01/01	Transfer			150.00	11750.00
05/03/26	01/01	Income			100.00	11850.00
10/03/26	01/01	Expenses		80.00		11770.00
15/03/26	01/01	Transfer			180.00	11950.00
20/03/26	01/01	Income			250.00	12200.00
25/03/26	01/01	Expenses		100.00		12100.00
30/03/26	01/01	Transfer			100.00	12200.00
05/04/26	01/01	Income			150.00	12350.00
10/04/26	01/01	Expenses		120.00		12230.00
15/04/26	01/01	Transfer			120.00	12350.00
20/04/26	01/01	Income			200.00	12550.00
25/04/26	01/01	Expenses		150.00		12400.00
30/04/26	01/01	Transfer			150.00	12550.00
05/05/26	01/01	Income			100.00	12650.00
10/05/26	01/01	Expenses		80.00		12570.00
15/05/26	01/01	Transfer			180.00	12750.00
20/05/26	01/01	Income			250.00	13000.00
25/05/26	01/01	Expenses		100.00		12900.00
30/05/26	01/01	Transfer			100.00	13000.00
05/06/26	01/01	Income			150.00	13150.00
10/06/26	01/01	Expenses		120.00		13030.00
15/06/26	01/01	Transfer			120.00	13150.00
20/06/26	01/01	Income			200.00	13350.00
25/06/26	01/01	Expenses		150.00		13200.00
30/06/26	01/01	Transfer			150.00	13350.00
05/07/26	01/01	Income			100.00	13450.00
10/07/26	01/01	Expenses		80.00		13370.00
15/07/26	01/01	Transfer			180.00	13550.00
20/07/26	01/01	Income			250.00	13800.00
25/07/26	01/01	Expenses		100.00		13700.00
30/07/26	01/01	Transfer</				

No. 14-29 Date 10/60

Spermatogenic Condition 6

Interstitial Cell		Seminiferous		Seminiferous	
nuclear diam.		tubule diam.		epith. height	
1	3 6.3	75	247.5	12	39.6
2	3 6.3	61	201.3	16	52.8
3		52	184.8	16	52.8
4		66	217.8	15	49.5
5		52	184.8	9	29.7
6		46	151.8	10	33.0
7		62	204.6	12	39.6
8		60	198.0	11	36.3
9		64	211.2	17	56.1
10		57	188.1	17	56.1
T		1989.9		4145.5	
\bar{x} 6.3		199.0		44.6	

Sertoli Cells: seen

Remarks: _____

No. 14-38 Date 10/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.		Seminiferous tubule diam.	Seminiferous epith. height
1	3 6.3	46 - 151.8	11 - 36.3
2	3 6.3	41 135.3	5 - 16.5
3	3 6.3	48 158.4	7 23.1
4		39 128.7	9 29.7
5		44 145.2	15 49.5
6		52 171.6	15 49.5
7		47 155.1	17 56.1
8		49 161.7	9 29.7
9		44 145.2	10 33.0
10		51 168.3	14 46.2
T		1521.3	369.6
\bar{x} 6.3		152.1	37.0

Sertoli Cells: seen

Remarks: _____

$\bar{E} = 33.0 \mu$ (3)

No. 14-31 Date 11/6/60

Spermatogenic Condition 7

	Interstitial Cell		Seminiferous		Seminiferous	
	nuclear diam.		tubule diam.		epith. height	
1			66	217.8	11	36.3
2			61	201.3	16	52.8
3			68	224.4	14	46.2
4			71	234.3	14	46.2
5			63	207.9	10	33.0
6			53	174.9	11	36.3
7			48	158.4	11	36.3
8			45	148.5	9	29.7
9			52	171.6	15	49.5
10			64	211.2	18	59.4
T			1950.3		425.7	
\bar{x}			195.0		42.6	

Sertoli Cells: seen

Remarks: _____

E = 35.0 μ

(3)

No. 19-34 Date U/60
7

Spermatogenic Condition ⑤ ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1 <u>3</u> <u>6.3</u>	<u>51</u> <u>168.3</u>	<u>10</u> <u>33.0</u>
2 <u>3</u> <u>6.3</u>	<u>50</u> <u>165.0</u>	<u>14</u> <u>46.2</u>
3 <u>3</u> <u>6.3</u>	<u>49</u> <u>161.7</u>	<u>8</u> <u>26.4</u>
4	<u>44</u> <u>145.2</u>	<u>6</u> <u>19.8</u>
5	<u>52</u> <u>171.6</u>	<u>13</u> <u>42.9</u>
6	<u>60</u> <u>198.0</u>	<u>10</u> <u>33.0</u>
7	<u>51</u> <u>168.3</u>	<u>8</u> <u>26.4</u>
8	<u>56</u> <u>184.8</u>	<u>12</u> <u>39.6</u>
9	<u>50</u> <u>165.0</u>	<u>13</u> <u>42.9</u>
10	<u>50</u> <u>165.0</u>	<u>8</u> <u>26.4</u>
T	<u>1692.9</u>	<u>336.6</u>
\bar{x} <u>6.3</u>	<u>169.3</u>	<u>33.7</u>

Sertoli Cells: seen

Remarks: _____

$\bar{E} = 33.3 \mu$ ③

No. 14-35 Date 1/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	3 6.3	37 - 122.1	9 - 29.7
2	3 6.3	44 145.2	13 42.9
3	3 6.3	52 171.6	6 19.8
		50 145.0	12 39.6
4		50 145.0	8 26.4
5		52 171.6	13 42.9
6		57 168.3	9 29.7
7		55 181.5	12 39.6
8			
9			
10			
T		1290.3	270.6
\bar{x}	6.3	161.2	33.8

Sertoli Cells: seen

Remarks: folds in tissue

No. 14-3.6 Date 4/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: poor tissue

E = 38.3 μ

(4)

No. 14-3.7Date 4/60Spermatogenic Condition 7

Interstitial Cell		Seminiferous		Seminiferous	
nuclear diam.		tubule diam.		epith. height	
1	3 6.3	44	145.2	9	29.7
2	3 6.3	39	112.2	10	33.0
3		44	145.2	10	33.0
4		46	151.8	9	29.7
5		44	145.2	10	33.0
6		46	151.8	9	29.7
7		48	158.4	10	33.0
8		44	145.2	8	26.4
9		45	148.5	10	33.0
10		56	184.8	11	36.3
T		1488.3		316.8	
\bar{x} 6.3		148.8		31.7	

Sertoli Cells: seen

Remarks: _____

E = 29.7 μ (3)

No. 14-39 Date 4/6/60
7

Spermatogenic Condition maturation

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	3 6.3	60 - 198.0	11 - 36.3
2	3 6.3	50 165.0	14 46.2
3	3 6.3	55 181.5	14 46.2
4		57 188.1	11 36.3
5		55 181.5	15 49.5
6		43 141.9	10 33.0
7		48 158.4	12 39.6
8		52 171.6	9 29.7
9		45 148.5	10 33.0
10		58 191.4	12 39.6
T		1725.9	389.4
\bar{x}	6.3	172.6	38.9

Sertoli Cells: seen

Remarks: _____

$$E = 49.5 \mu$$

(2)

No. 14-40Date VI/60Spermatogenic Condition 7

Interstitial Cell ⁽³⁾ nuclear diam.		Seminiferous ⁽²⁾ tubule diam.		Seminiferous epith. height	
1	3 6.3	56	184.8	15	49.5
2	3 6.3	53	174.9	12	39.6
3	3 6.3	53	174.9	13	42.9
4		65	214.5	17	56.1
5		58	191.4	15	49.5
6		59	194.7	15	49.5
7		53	174.9	12	39.6
8		72	237.6	15	49.5
9		53	174.9	10	33.0
10		57	188.1	19	62.7
T		1910.7		470.2	
\bar{x} 6.3		191.1		47.2	

Sertoli Cells: seen

Remarks:

$$E = 36.3 \mu$$

(3)

No. 14-41

Date 11/60

Spermatogenic Condition

Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3 6.3	55	181.5	13	42.9
2	3 6.3	67	221.1	19	62.7
3	3 6.3	57	168.3	13	42.9
4		65	214.5	14	46.2
5		65	214.5	14	46.2
6		59	194.7	19	62.7
7		60	198.0	11	36.3
8		58	191.4	11	36.3
9		54	178.2	9	29.7
10		76	250.8	16	52.8
T		201.3		458.7	
\bar{x} 6.3		201.3		45.9	

Sertoli Cells: seen

Remarks:

No. 14-42Date VII/60Spermatogenic Condition 6

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	4 8.4	52	171.6	12	39.6
2	3 6.3	47	155.1	10	33.0
3	3 6.3	42	138.6	9	29.7
4		47	155.1	9	29.7
5		53	174.9	10	33.0
6		59	194.7	15	49.5
7		53	174.9	10	33.0
8		68	224.4	10	33.0
9		45	148.5	14	46.2
10		46	151.8	11	36.3
T 21.0		1689.6		363.0	
\bar{x} 7.0		169.0		36.3	

Sertoli Cells: seenRemarks: tubules regenerating

No. 14-43 Date VI/11/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3 6.3	60	198.0	13	42.9
2	3 6.3	45	148.5	13	42.9
3		45	148.5	10	33.0
4		52	171.6	10	33.0
5		54	178.2	10	33.0
6		49	161.7	15	49.5
7		60	198.0	13	42.9
8		43	141.9	10	33.0
9		45	148.5	10	33.0
10		53	174.9	9	29.7
T		1669.8		372.9	
\bar{x} 6.3		167.0		37.3	

Sertoli Cells: seen

Remarks: _____

E = 39.6 μ (4)

No. 14-44 Date VII/60

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: poor tissue

No. 14-45 Date VII/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3 6.3	59	194.7	14	46.2
2	3 6.3	45	148.5	11	36.3
3	3 6.3	45	148.5	10	33.0
4		67	221.1	11	36.3
5		64	211.2	10	33.0
6		57	188.1	14	46.2
7		40	132.0	12	39.6
8		47	153.1	17	56.1
9		45	148.5	11	36.3
10		59	194.7	11	36.3
T		1742.4		399.3	
\bar{x} 6.3		174.2		39.9	

Sertoli Cells: seen

Remarks: _____

14-48

Date VIII/60

Spermatogenic Condition 9

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height
1	3 6.3	31	102.3	
2	3 6.3	25	82.5	
		25	82.5	
3				
		36	118.8	
4				
		30	99.0	
5				
		35	115.5	
6				
		29	95.7	
7				
		28	92.4	
8				
		39	128.7	
9				
		40	132.0	
10				
T		1049.4		
\bar{x} 6.3		104.9		

Sertoli Cells: seen

Remarks:

No. 14-50Date July/60Spermatogenic Condition 6

Interstitial Cell		Seminiferous		Seminiferous	
nuclear diam.		tubule diam.		epith. height	
1	3 6.3	63	207.9	13	42.9
2	3 6.3	64	211.2	10	33.0
3	3 6.3	53	174.9	14	46.2
4		41	135.3	10	33.0
5		47	155.1	10	33.0
6		43	141.9	7	23.1
7		56	184.8	9	29.7
8		47	155.1	6	19.8
9		50	165.0	10	33.0
10		41	135.3	10	33.0
T		1666.5		326.7	
\bar{x} 6.3		166.6		32.7	

Sertoli Cells: seen

Remarks: _____

E = 33.0 μ

(3)

No. 14-51 Date VII/1/60

Spermatogenic Condition 6

	(2)			
	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height	
1	3 6.3	64 211.2	6	19.8
2		52 171.6	13	42.9
3		51 168.3	8	26.4
4		55 181.5	10	33.0
5		52 171.6	11	36.3
6		61 201.3	13	42.9
7		55 181.5	10	33.0
8		60 198.0	12	39.6
9		47 155.1	9	29.7
10		54 178.2	11	36.3
T		1818.3	339.9	
\bar{x}	6.3	181.8	34.0	

Sertoli Cells: seen

Remarks: _____

E = 49.5 μ

(2)

No. 14-52 Date 10/6/61

Spermatogenic Condition GC

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	65 - 214.5	14 - 46.2
2	55 181.5	9 29.7
3	72 237.6	13 42.9
4	49 161.7	10 33.0
5	54 178.2	13 42.9
6	58 191.4	17 56.1
7	57 168.3	14 46.2
8	57 168.3	11 36.3
9	65 214.5	11 36.3
10	52 171.6	12 39.6
T	1887.6	409.2
\bar{x}	188.8	40.9

Sertoli Cells: seen

Remarks: _____

$E = 36.3 \mu$ (3)

No. 14-55 Date 11/16/61

Spermatogenic Condition 6

Interstitial Cell		Seminiferous		Seminiferous	
nuclear diam.		tubule diam.		epith. height	
1	3 6.3	65	214.5	12	39.6
2	3 6.3	51	148.3	10	33.0
3		43	141.9	11	36.3
4		58	191.4	11	36.3
5		53	174.9	18	59.4
6		57	188.1	9	29.7
7		58	191.4	8	26.4
8		57	188.1	11	36.3
9		55	181.5	11	36.3
10		53	174.9	10	33.0
T		1815.0		366.3	
\bar{x} 6.3		181.5		36.6	

Sertoli Cells: seen

Remarks: _____

E = 26.4 μ 0

No. 14-574Date Dec/61Spermatogenic Condition 6

Interstitial Cell ⁽²⁾ nuclear diam.		Seminiferous ⁽²⁾ tubule diam.		Seminiferous epith. height	
1	3 6.3	48	158.4	10	33.0
2	3 6.3	54	178.2	11	36.3
3		52	171.6	10	33.0
4		53	174.9	14	46.2
5		45	148.5	14	46.2
6		41	135.3	12	39.6
7		57	168.3	14	46.2
8		38	125.4	12	39.6
9		45	148.5	9	29.7
10		53	174.9	12	39.6
T		1584.0		389.4	
\bar{x} 6.3		158.4		38.9	

Sertoli Cells: seen

Remarks: _____

E = 39.6 μ 0

No. 14-58

Date VII/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)	Seminiferous epith. height
1	3 6.3	54 - 178.2	12 - 39.6
2	3 6.3	45 148.5	11 36.3
3		43 141.9	12 39.6
4		42 138.6	13 42.9
5		65 214.5	15 49.5
6		49 161.7	17 56.1
7		49 161.7	10 33.0
8		35 115.5	11 36.3
9		52 171.6	11 36.3
10		55 181.5	13 42.9
T		1613.7	412.5
\bar{x} 6.3		161.4	41.2

Sertoli Cells: seen

Remarks: _____

 $\bar{E} = 33.0 \mu$

(2)

No. 14-59 Date 1X/6/

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: no testis

$\bar{E} = 23.1 \mu$ (3)

No. 14-60 Date 10/62

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: sheepded tissue

No. 14-61 Date 10/62

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: poor slide

No. 14-62 Date 4/62
Spermatogenic Condition G?

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	47 - 155.1	10 33.0
2	54 178.2	10 33.0
3		
4		
5		
6		
7		
8		
9		
10		
T	333.3	
\bar{x}	166.6	33.0

Sertoli Cells: _____

Remarks: poor tissue

No. 14-64 Date 11/62

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	65 - 214.5	10 - 33.0
2	55 - 181.5	20 - 66.0
3	67 - 221.1	10 - 33.0
4	67 - 221.1	6 - 19.8
5	61 - 201.3	18 - 59.4
6	60 - 198.0	10 - 33.0
7	41 - 135.3	10 - 33.0
8	45 - 148.5	16 - 52.8
9	46 - 151.8	14 - 46.2
10	55 - 181.5	16 - 52.8
T	1854.6	429.0
\bar{x}	185.5	42.9

Sertoli Cells: seen

Remarks: tubules widely separated

No. 14-65 Date 11/6/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3 6.3	60	198.0	17	52.1
2	3 6.3	52	171.6	11	36.3
3	3 6.3	70	231.0	17	52.1
4		61	201.3	10	33.0
5		69	227.7	13	42.9
6		65	214.5	15	49.5
7		62	204.6	11	36.3
8		70	231.0	19	62.7
9		60	198.0	15	49.5
10		57	188.1	12	39.6
T		2065.8		462.0	
\bar{x} 6.3		206.6		46.2	

Sertoli Cells: seen

Remarks: _____

E = 39.64

(3)

No. 14-66 Date 1/6/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	51	168.3	8	26.4
2	60	198.0	9	29.7
3	59	194.7	17	56.1
4	61	201.3	12	39.6
5	61	201.3	12	39.6
6	67	221.1	9	29.7
7	50	165.0	10	33.0
8	49	161.7	10	33.0
9	58	191.4	12	39.6
10	51	168.3	10	33.0
T	1871.1		359.7	
\bar{x}	187.1		36.0	

Sertoli Cells: seen

Remarks: pen tissue

No. 14-67Date 4/62Spermatogenic Condition (3)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1 <u>3</u> <u>6.3</u>	<u>55</u> - <u>181.5</u>	<u>11</u> - <u>36.3</u>
2 <u>3</u> <u>6.3</u>	<u>63</u> <u>207.9</u>	<u>12</u> <u>39.6</u>
3	<u>62</u> <u>204.6</u>	<u>18</u> <u>59.1</u>
4	<u>63</u> <u>207.9</u>	<u>10</u> <u>33.0</u>
5	<u>46</u> <u>151.8</u>	<u>11</u> <u>36.3</u>
6	<u>57</u> <u>188.1</u>	<u>11</u> <u>36.3</u>
7	<u>54</u> <u>178.2</u>	<u>11</u> <u>36.3</u>
8	<u>65</u> <u>214.5</u>	<u>17</u> <u>52.1</u>
9	<u>67</u> <u>221.1</u>	<u>10</u> <u>33.0</u>
10	<u>49</u> <u>161.7</u>	<u>11</u> <u>36.3</u>
T	<u>1917.3</u>	<u>402.6</u>
\bar{x} <u>6.3</u>	<u>191.7</u>	<u>40.3</u>

Sertoli Cells: seen

Remarks: _____

E = 46.2 μ (3)

No. 14-68

Date 1/1/62

Spermatogenic Condition critical

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
\bar{x}			

Sertoli Cells: _____

Remarks: no testis

No. 14-72

Date 4/63

Spermatogenic Condition

9

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height
1	3 6.3	28	92.4	
2	3 6.3	24	85.8	
3	3 6.3	33	108.9	
4		25	82.5	
5		30	99.0	
6		30	99.0	
7		33	108.9	
8		26	85.8	
9		33	108.9	
10		26	85.8	
T		957.0		
\bar{x} 6.3		95.7		

Sertoli Cells: seen

Remarks:

No. 14-73Date V/63Spermatogenic Condition 9

Interstitial Cell nuclear diam. ⁽³⁾		Seminiferous tubule diam. ⁽²⁾		Seminiferous epith. height
1	3 6.3	30	99.0	
2		24	79.2	
3		27	89.1	
4		26	85.8	
5		27	89.1	
6		32	105.6	
7		30	99.0	
8		31	102.3	
9		28	92.4	
10		34	112.2	
T		953.7		
\bar{x} 6.3		95.4		

Sertoli Cells: seenRemarks: _____

No. 14-75 Date VI/63

Spermatogenic Condition 9

Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height
1	3 6.3	29	- 95.7	
2	3 6.3	34	112.2	
3		41	135.3	
4		36	118.8	
5		33	108.9	
6		41	135.3	
7		22	72.6	
8		28	92.4	
9		35	115.5	
10		27	89.1	
T		1075.8		
\bar{x} 6.3		107.6		

Sertoli Cells: seen

Remarks: small piece

No. 14-76 Date 11/63

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1 <u>3</u> <u>6.3</u>	<u>45</u> - <u>148.5</u>	<u>10</u> - <u>33.0</u>
2	<u>55</u> <u>181.5</u>	<u>11</u> <u>36.3</u>
3	<u>50</u> <u>165.0</u>	<u>10</u> <u>33.0</u>
4	<u>50</u> <u>165.0</u>	<u>10</u> <u>33.0</u>
5	<u>48</u> <u>158.4</u>	<u>11</u> <u>36.3</u>
6	<u>60</u> <u>198.0</u>	<u>9</u> <u>29.7</u>
7	<u>49</u> <u>161.7</u>	<u>14</u> <u>46.2</u>
8	<u>54</u> <u>178.2</u>	<u>18</u> <u>59.4</u>
9	<u>49</u> <u>161.7</u>	<u>8</u> <u>26.4</u>
10	<u>71</u> <u>234.3</u>	<u>12</u> <u>39.6</u>
T	<u>1752.3</u>	<u>372.9</u>
\bar{x} <u>6.3</u>	<u>175.2</u>	<u>37.3</u>

Sertoli Cells: seen

Remarks: _____

No. 14-77Date VI/63Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1 3 6.3	23 75.9	
2 3 6.3	22 72.6	
3	19 62.7	
4	21 69.3	
5	19 62.7	
6	22 72.6	
7	21 69.3	
8	23 75.9	
9	24 79.2	
10	18 59.4	
T	699.6	
\bar{x} 6.3	70.0	

Sertoli Cells: seenRemarks: _____

Cnemidophorus
tigris

Chemidophorus
tigris

No. 20-5 Date 10/59

Spermatogenic Condition 0

	Seminiferous		Seminiferous
	Interstitial Cell nuclear diam.	tubule diam.	epith. height
1	16	52.8	
2	13	42.9	
3	16	52.8	
4	15	49.5	
5	16	52.8	
6	17	56.1	
7	17	56.1	
8	14	46.2	
9	18	59.4	
10	22	72.6	
T		541.2	
\bar{x}		54.1	

Sertoli Cells: seen

Remarks: stain faint

No. 20-8Date 2/5-9Spermatogenic Condition 7

	Seminiferous ⁽²⁾		Seminiferous	
	Interstitial Cell nuclear diam.	tubule diam.	epith. height	
1	66	217.8	12	39.6
2	66	217.8	16	52.8
3	44	145.2	18	59.4
4	38	125.4	11	36.3
5	56	184.8	11	36.3
6	58	191.4	11	36.3
7	53	174.9	13	42.9
8				
9				
10				
T		1257.3		303.6
\bar{x}		179.6		43.4

Sertoli Cells: seenRemarks: stain faint

No. 20-9 Date Nov / 59

Spermatogenic Condition critic

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: Stage difficult to determine,
thick layer of cells between tunica
& tubules; stain faint.

No. 20-11 Date VIII/59

Spermatogenic Condition critic

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: no testis

No. 10-29 Date 6/60
6
 Spermatogenic Condition (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	4 8.4	58 191.4	15 - 49.5
2	3 6.3	72 237.6	18 59.4
3		54 178.2	10 33.0
4		69 227.7	13 42.9
5		55 181.5	22 72.6
6		52 184.8	14 46.2
7		59 194.7	14 46.2
8		65 214.5	18 59.4
9		65 214.5	21 69.3
10		64 211.2	12 39.6
T	14.7	2036.1	518.1
\bar{x}	7.4	203.6	51.8

Sertoli Cells: seen

Remarks: ? layer present
tubules separating

No. 20-10Date 10/59Spermatogenic Condition 7

	Seminiferous		Seminiferous	
	Interstitial Cell nuclear diam.	tubule diam.	epith. height	
1	50	165.0	10 -	33.0
2	55	181.5	12	39.6
3	58	191.4	14	46.2
4	52	171.6	12	39.6
5	64	211.2	21	69.3
6	60	198.0	9	29.7
7	58	191.4	20	66.0
8	55	181.5	17	56.1
9	45	148.5	12	39.6
10	47	155.1	9	29.7
T		1795.2		448.8
\bar{x}		179.5		44.9

Sertoli Cells: seenRemarks: stain faint? layer ~ 42.9 μ thick

No. 20-13Date 18/59Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	26 - 85.8	
2	30 99.0	
3	23 75.9	
4	23 75.9	
5	22 72.6	
6	21 69.3	
7	22 72.6	
8	22 72.6	
9	25 82.5	
10	26 85.8	
T	792.0	
\bar{x}	79.2	

Sertoli Cells: seenRemarks: stain faint? layer ~ 36.3 μ thick

No. 20-15 Date IX/59

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	35 - 115.5	
2	31 102.3	
3	29 95.7	
4	43 141.9	
5	35 115.5	
6	29 95.7	
7	39 128.7	
8	36 118.8	
9	58 125.4	
10	35 115.5	
T	1155.0	
\bar{x}	115.5	

Sertoli Cells: seen

Remarks: open area centrally - tubules
don't appear to be torn
? layer ~ 46.2 μ thick, cells appear to
be arranged in groups, no interstitial
cells

No. 20-19 Date 14/60
 Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	7	77 - 254.1	16 - 52.8
2	'	62 204.6	20 66.0
3		60 198.0	17 56.1
4		50 165.0	9 29.7
5		61 201.3	13 42.9
6		54 178.2	19 62.7
7		57 188.1	9 29.7
8		55 181.5	16 52.8
9		46 157.8	12 39.6
10		54 178.2	16 52.8
T		1900.8	485.1
\bar{x}		190.1	48.5

Sertoli Cells: seen

Remarks: ? layer vacuolated, several nucleoli / nucleus in both large & small nuclei, layer seems to invade between tubules for some distance, ~ 194.7 μ thick

No. 20-21 Date 14/60

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	?	58 - 191.4	15 - 49.5
2		57 188.1	12 39.6
3		57 178.2	12 39.6
4		57 188.1	12 39.6
5		60 198.0	12 39.6
6		70 231.0	16 52.8
7		65 214.5	16 52.8
8		63 207.9	11 36.3
9		52 184.8	12 39.6
10		62 204.6	13 42.9
T		1986.6	4132.3
\bar{x}		198.7	413.2

Sertoli Cells: seen

Remarks: 3 layer ~ 148.5 μ

No. 20-24 Date 1/60

Spermatogenic Condition 6

	(2)			
	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height	
1	?	70 - 231.0	16 - 52.8	
2		59 194.7	22 72.6	
3		79 240.7	23 75.9	
4		77 254.1	13 42.9	
5		62 204.6	11 36.3	
6		77 254.1	13 42.9	
7		67 221.1	14 46.2	
8		70 231.0	18 59.4	
9		83 273.9	26 85.8	
10		67 221.1	21 69.3	
T		2346.3	584.1	
\bar{x}		234.6	58.4	

Sertoli Cells: seen

Remarks: ? layer ~ 102.3 μ thick

No. 20-27 Date 4/60
6

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1 7	66 217.8	13 - 42.9
2 '	70 231.0	14 46.2
3	65 214.5	12 56.1
4	67 221.1	13 42.9
5	55 181.5	15 49.5
6	68 224.4	20 66.0
7	72 237.6	18 59.4
8	57 188.1	10 33.0
9	67 221.1	12 39.6
10	78 257.4	13 42.9
T	2194.5	478.5
\bar{x}	219.4	47.8

Sertoli Cells: seen

Remarks: large clumps of what look
like 2° spermatocyte nuclei w/in 1
cell in most tubules
? layer - 33.0 μ thick

No. 20-28Date 11/60Spermatogenic Condition 5

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1 7	65 214.5	16 - 52.8
2	70 231.0	14 46.2
3	65 214.5	13 42.9
4	77 254.1	15 49.5
5	62 204.6	18 59.4
6	84 277.2	17 56.1
7	70 231.0	22 72.6
8	66 217.8	19 62.7
9	60 198.0	19 62.7
10	65 214.5	14 46.2
T	2257.2	551.1
\bar{x}	225.7	55.1

Sertoli Cells: seenRemarks: tubules separating;
1 layer 69.3 μ thick

No. 20-31

Date

V/60

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	55 - 181.5	10 - 33.0
2	66 217.8	14 46.2
3	67 221.1	17 56.1
4	69 227.7	22 72.6
5	51 168.3	19 62.7
6	72 237.6	16 52.8
7	62 204.6	12 39.6
8	65 214.5	13 42.9
9	69 227.7	16 52.8
10	70 231.0	20 66.0
T	2131.8	524.7
\bar{x}	213.2	52.5

Sertoli Cells: seen

Remarks: tubules separating; stem
faint; ? layer 29.7 μ thick

No. 20-34 Date VI/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	60 198.0	11 - 36.3
2	61 201.3	18 59.4
3	58 191.4	16 52.8
4	65 214.5	18 59.4
5	65 214.5	15 49.5
6	61 201.3	10 33.0
7	61 201.3	11 36.3
8	63 207.9	17 56.1
9	62 204.6	12 39.6
10	70 231.0	11 36.3
T	2065.8	4158.7
\bar{x}	206.6	415.9

Sertoli Cells: seen

Remarks: ? layer = 75.9 μ

tubule separating

No. 20-35 Date VI/60

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	52 - 171.6	16 - 52.8
2	62 204.6	16 52.8
3	55 181.5	11 36.3
4	59 194.7	15 49.5
5	72 237.6	12 39.6
6	56 184.8	14 46.2
7	65 214.5	10 33.0
8	55 181.5	14 46.2
9	58 191.4	15 49.5
10	52 171.6	15 49.5
T	1933.8	455.4
\bar{x}	193.4	45.5

Sertoli Cells: seen

Remarks: tubules separating
? layer - 66.0 μ

E = 19.8 μ (3)

No. 20-37

Date VIII/60

Spermatogenic Condition

7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45 148.5	10 33.0
2	49 161.7	11 36.3
3	50 165.0	10 33.0
4	48 158.4	6 19.8
5	48 158.4	8 26.4
6	51 168.3	14 46.2
7	52 171.6	11 36.3
8	58 191.4	21 69.3
9	51 168.3	12 39.6
10	42 138.6	13 42.9
T	1630.2	382.8
\bar{x}	163.0	38.3

Sertoli Cells: seen

Remarks: tubules separating

? Layer 82.5 μ thick

No. 20-38

Date

VII/60

Spermatogenic Condition

8

Spermatogenesis - seminiferous tubule diam.		
Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	37 - 122.1	
2	38 125.4	
3	38 125.4	
4	32 105.6	
5	41 135.3	
6	31 102.3	
7	29 95.7	
8	29 95.7	
9	34 112.2	
10	30 99.0	
T	1118.7	
\bar{x}	111.9	

Sertoli Cells: seen

Remarks:

tubules separating
? layer ~ 69.3 μ thick, cells
more numerous

No. 20-39 Date VII/60

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous ^② tubule diam.	Seminiferous epith. height
1	40 - 132.0	
2	37 122.1	
3	35 115.5	
4	42 138.6	
5	35 - 115.5	
6	29 95.7	
7	30 99.0	
8	40 132.0	
9	41 135.3	
10	43 141.9	
T	1227.6	
\bar{x}	122.8	

Sertoli Cells: seen

Remarks: tubules separating
? layer = 36-50 thick

No. 20-40 Date VII/60Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	71 - 168.3	10 - 33.0
2	46 151.8	9 29.7
3	58 191.4	13 42.9
4	49 161.7	9 29.7
5	34 112.2	10 33.0
6	46 151.8	14 46.2
7	49 161.7	10 33.0
8	46 151.8	10 33.0
9	38 125.4	10 33.0
10	43 141.9	9 29.7
T	1518.0	343.2
\bar{x}	151.8	34.3

Sertoli Cells: seenRemarks: separating tubules? layer ~ 46.2 μ thickE = 26.4 μ

(2)

43 supposed to be a ♀

No. 20-43

Date VIII/60

Spermatogenic Condition

8

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	49 - 161.7	
2	40 132.0	
3	34 112.2	
4	47 155.1	
5	36 118.8	
6	37 122.1	
7	45 148.5	
8	45 148.5	
9	43 141.9	
10	43 141.9	
T	1382.7	
\bar{x}	138.3	

Sertoli Cells: seen

Remarks:

? layer ~ 33.0 μ

No. 20-75 Date 10/6/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	47 - 155.1	10 - 33.0
2	53 174.9	18 59.4
3	58 191.4	13 42.9
4	52 171.6	9 29.7
5	58 191.4	14 46.2
6	55 181.5	10 33.0
7	58 191.4	15 49.5
8	57 188.1	15 49.5
9	57 188.1	15 49.5
10	53 174.9	18 59.4
T	1808.4	452.1
\bar{x}	180.8	45.2

Sertoli Cells: seen

Remarks: _____

? Layer = 13.2 μ

12.2

No. 20-47 Date 11/6/61
Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	42 - 138.6	11 36.3
2	46 151.8	9 29.7
3	57 188.1	10 33.0
4	49 161.7	15 49.5
5	43 141.9	8 26.4
6	41 135.3	11 36.3
7	45 148.5	15 49.5
8	49 161.7	11 36.3
9	45 148.5	10 33.0
10	57 188.1	11 36.3
T	1564.2	346.3
\bar{x}	156.4	36.6

Sertoli Cells: seen

Remarks: ?

layers 29.7 μ

dy

No. 20-48 Date 4/6/61

Spermatogenic Condition 7

	Seminiferous		Seminiferous
	Interstitial Cell nuclear diam.	tubule diam.	epith. height
1		33 - 108.9	
2		40 132.0	
3		30 99.0	
4		33 108.9	
5		32 105.6	
6		40 132.0	
7		39 128.7	
8		29 95.7	
9		36 118.8	
10		33 108.9	
T		1138.5	
\bar{x}		113.8	

Sertoli Cells: seen

Remarks: ? layer ~ 108.9 μ thick

No. 20-49 Date 11/6/61

Spermatogenic Condition 7

	Seminiferous		Seminiferous	
	Interstitial Cell nuclear diam.	tubule diam.	epith. height	
1	62	204.6	12	39.6
2	55	181.5	17	56.1
3	44	145.2	15	49.5
4	47	155.1	15	49.5
5	44	145.2	11	36.3
6	49	161.7	14	46.2
7	51	168.3	11	36.3
8	48	158.4	15	49.5
9	50	165.0	16	52.8
10	55	181.5	13	42.9
T	1666.5		458.7	
\bar{x}	166.6		45.9	

Sertoli Cells: seen

Remarks: tubules separated

no debris or sperm in lumen

? layer = 16.5 μ

No. 20-51 Date 4/6/61

Spermatogenic Condition ②

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		53 - 174.9	20 - 66.0
2		50 165.0	15 49.5
3		38 125.4	16 52.8
4		52 171.6	17 56.1
5		49 161.7	12 39.6
6		45 148.5	7 23.1
7		42 138.6	14 46.2
8			
9			
10			
T		1085.7	333.3
\bar{x}		155.1	47.6

Sertoli Cells: seen

Remarks: some tubules seem to contain
cysts of some sort
? layer 16.5 μ

No. 20-52

Date

Ve/61Spermatogenic Condition 9

	Spermatogenic Condition <u>(2)</u>		Seminiferous epith. height
	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	
1		40 - 132.0	
2		37 122.1	
3		27 89.1	
4		31 102.3	
5		36 118.8	
6		29 95.7	
7		41 135.3	
8		34 112.2	
9		34 112.2	
10		31 102.3	
T		1122.0	
\bar{x}		112.2	

Sertoli Cells: seen

Remarks:

? layer 19.8 μ

No. 20-53Date VI/6/61Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	32 - 105.6	
2	42 138.6	
3	40 132.0	
4	30 99.0	
5	28 92.4	
6	30 99.0	
7	34 112.2	
8	33 108.9	
9	29 95.7	
10	30 99.0	
T	1082.4	
\bar{x}	108.2	

Sertoli Cells: seenRemarks: sperm development w/ no
lumen? layer = 13.2 μ

No. 20-55Date VI/6/61Spermatogenic Condition 6

	Seminiferous		Seminiferous	
	Interstitial Cell nuclear diam.	tubule diam.	epith. height	
1		59 - 194.7	17 -	56.1
2		51 168.3	15 -	49.5
3		45 148.5	14	46.2
4		69 227.7	15 -	49.5
5		52 171.6	14	46.2
6		59 194.7	13	42.9
7		64 211.2	23	75.9
8		69 227.7	19	62.7
9		46 151.8	15 -	49.5
10		47 155.1	12	39.4
T		1851.3		518.1
\bar{x}		185.1		51.8

Sertoli Cells: seenRemarks: ? layer 9.9 μ thick

No. 20-54 Date 11/6/61

Spermatogenic Condition 6

	(2)			
	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height	
1		53 - 174.9	11 - 36.3	
2		64 211.2	17 56.1	
3		61 201.3	8 26.4	
4		50 165.0	11 34.3	
5		74 244.2	19 62.7	
6		63 207.9	11 36.3	
7		60 198.0	14 46.2	
8		54 178.2	16 52.8	
9		57 188.1	11 36.3	
10		60 198.0	10 33.0	
T		1966.8	422.4	
\bar{x}		196.7	42.2	

Sertoli Cells: seen

Remarks: _____

? layer 19.8 μ

supposed to be a ♀

No. 20-54

Date 11/61

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous ⁽²⁾ tubule diam.	Seminiferous epith. height
1	68 - 224.4	20 - 66.0
2	62 204.6	13 42.9
3	49 161.7	10 33.0
4	49 161.7	12 39.6
5	59 194.7	11 36.3
6	51 168.3	16 52.8
7	56 184.8	10 33.0
8	52 171.6	9 29.7
9	54 178.2	14 46.2
10	58 191.4	19 62.7
T	1841.4	442.2
\bar{x}	184.1	44.2

Sertoli Cells:

Remarks: poor stain

? layer = 46.2 μ

No. 20-59 Date 10/62Spermatogenic Condition 6

Interstitial Cell nuclear diam.	² Seminiferous tubule diam.	Seminiferous epith. height
1	78 - 257.4	14 - 52.8
2	65 214.5	15 49.5
3	60 198.0	21 69.3
4	67 221.1	26 85.8
5	78 257.4	19 62.7
6	71 234.3	18 59.4
7	63 207.9	15 49.5
8	71 234.3	24 79.2
9	65 214.5	17 56.1
10	60 198.0	18 59.4
T	2237.4	623.7
\bar{x}	223.7	62.4

Sertoli Cells: seen

Remarks: _____

No. 20-62 Date 10/62
Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous ⁽²⁾ tubule diam.	Seminiferous epith. height
1	54 - 178.2	16 - 52.8
2	64 211.2	13 42.9
3	60 198.0	19 62.7
4	80 264.0	14 46.2
5	71 234.3	16 52.8
6	62 204.6	17 56.1
7	64 211.2	15 49.5
8	50 165.0	15 49.5
9	58 191.4	10 33.0
10	53 174.9	11 36.3
T	2032.8	481.8
\bar{x}	203.3	48.2

Sertoli Cells: seen

Remarks: _____

? layer 23.1 μ

No. 20-63Date 10/62Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. ⁽²⁾	Seminiferous epith. height
1	42 - 138.6	14 - 46.2
2	42 138.6	10 33.0
3	52 171.6	13 42.9
4	51 168.3	13 42.9
5	52 171.6	18 59.4
6	61 201.3	14 46.2
7	50 165.0	15 49.5
8	53 174.9	11 36.3
9	50 145.0	5 16.5
10	50 184.8	17 56.1
T	1679.7	429.0
\bar{x}	168.0	42.9

Sertoli Cells: _____

Remarks: pen stain

No. 20-64 Date 10/62Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	37 - 122.1	14 - 46.2
2	30 99.0	7 23.1
3	36 118.8	12 39.6
4	45 148.5	7 23.1
5	52 171.6	7 23.1
6	45 148.5	10 33.0
7	47 155.1	14 46.2
8	39 128.7	11 36.3
9	37 122.1	7 23.1
10	39 128.7	9 29.7
T	1343.1	323.4
\bar{x}	134.3	32.3

Sertoli Cells: seenRemarks: tubules widely separated
? layer 29.7 μ

No. 20-66 Date V/02

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		70 - 231.0	10 - 33.0
2		60 198.0	16 52.8
3		65 214.5	11 36.3
4		58 165.0	10 33.0
5		60 198.0	13 42.9
6		52 171.6	14 46.2
7		63 207.9	12 39.6
8		73 240.9	15 49.5
9		72 237.6	18 59.4
10		76 250.8	15 49.5
T		2115.3	442.2
\bar{x}		211.5	44.2

Sertoli Cells: seen

Remarks: _____

? layer ~ 39.6 μ

E = 33.0 μ (3)

No. 20-68 Date 11/62

Spermatogenic Condition 7

	Seminiferous		Seminiferous	
	Interstitial Cell nuclear diam.	tubule diam.	epith. height	
1		73 - 240.9	7	23.1
2		55 181.5	21	69.3
3		51 168.3	7	23.1
4		49 161.7	9	29.7
5		48 158.4	14	46.2
6		47 155.1	13	42.9
7		57 188.1	10	33.0
8		76 250.8	15	49.5
9				
10				
T		1509.8		316.8
\bar{x}		188.1		39.6

Sertoli Cells: seen

Remarks: _____

? layer = 115.5 μ

No. 20-72Date 11/62Spermatogenic Condition 6

	Seminiferous		Seminiferous	
	Interstitial Cell nuclear diam.	tubule diam.	epith. height	
1		50 - 165.0	11 - 36.3	
2		43 141.9	9 29.7	
3		56 184.8	11 36.3	
4		65 214.5	19 62.7	
5		43 141.9	15 49.5	
6		45 148.5	10 33.0	
7		57 168.3	8 26.4	
8		58 191.4	14 46.2	
9		57 168.3	10 33.0	
10		48 158.4	13 42.9	
T		1682.3	396.0	
\bar{x}		168.2	39.6	

Sertoli Cells: seen

Remarks:

? layer 42.9 μ $E = 23.1 \mu$

(3)

No. 20-73 Date 4/62

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells:

Remarks: pen slide

$E = 16.5 \mu$ (4)

No. 20-76 Date V/62

Spermatogenic Condition 6

	Interstitial Cell	Seminiferous		Seminiferous	
	nuclear diam.	tubule diam.	epith. height		
1		57. 188.1	10	33.0	
2		54 178.2	20	66.0	
3		46 151.8	10	33.0	
4		51 168.3	11	36.3	
5		50 165.0	10	33.0	
6		48 158.4	12	39.6	
7		48 158.4	11	36.3	
8		44 145.2	13	42.9	
9		57 188.1	19	62.7	
10		43 141.9	12	39.6	
T		1643.4		422.4	
\bar{x}		164.3		42.2	

Sertoli Cells: seen?

Remarks: _____

No. 20-79 Date 11/62

Spermatogenic Condition 7

	(2)			
	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height	
1		65 - 214.5	15	49.5
2		69 227.7	20	66.0
3		72 237.6	15	49.5
4		65 214.5	11	36.3
5		56 184.8	15	49.5
6				
7				
8				
9				
10				
T		1079.1		250.8
\bar{x}		215.8		50.2

Sertoli Cells: seen

Remarks: very small piece

$e = 33.0 \mu$ (3)

No. 20-81 Date 1/62
Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	63 - 207.9	10 - 33.0
2	58 191.4	10 33.0
3	78 257.4	15 49.5
4	78 257.4	14 46.2
5	60 198.0	12 39.6
6	67 221.1	15 49.5
7	43 141.9	10 33.0
8	56 184.8	15 49.5
9	46 151.8	7 23.1
10	56 184.8	8 26.4
T	1996.1	382.8
\bar{x}	199.6	38.3

Sertoli Cells: seen

Remarks: tubules separating

No. 20-82 Date 1/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	53 - 181.5	16 - 52.8
2	51 168.3	11 36.3
3	42 138.6	10 33.0
4	57 188.1	13 42.9
5	53 181.5	20 66.0
6	57 188.1	16 52.8
7	60 198.0	10 33.0
8	48 158.4	13 42.9
9		
10		
T	1402.5	359.7
\bar{x}	175.3	45.0

Sertoli Cells: seen

Remarks: _____

No. 20-83Date V/62Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous ⁽²⁾ tubule diam.	Seminiferous epith. height
1	64 - 211.2	15 - 49.5
2	63 207.9	11 36.3
3	52 171.6	9 29.7
4	67 221.1	18 59.4
5	74 244.2	15 49.5
6	72 237.6	15 49.5
7	62 204.6	22 72.6
8	60 198.0	15 49.5
9	57 188.1	19 62.7
10	49 161.7	9 29.7
T	2046.0	4188.4
\bar{x}	204.6	48.8

Sertoli Cells: seenRemarks: ? larger 49.5 μ thick

No. 20-84

Date 1/62

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	47 - 155.1	14 46.2
2	44 145.2	13 42.9
3	53 174.9	11 36.3
4	50 165.0	10 33.0
5	37 122.1	12 39.6
6	52 171.6	9 29.7
7	44 145.2	11 36.3
8	35 115.5	10 33.0
9	45 148.5	10 33.0
10	42 138.6	14 46.2
T	1481.7	376.2
\bar{x}	148.2	37.6

Sertoli Cells: seen

Remarks:

No. 10-85 Date 1/6/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	50	165.0	9 - 29.7
2	50	165.0	13 42.9
3	61	201.3	10 33.0
4	54	178.2	13 42.9
5	52	171.6	12 39.6
6	52	171.6	8 26.4
7	60	198.0	14 46.2
8	47	155.1	10 33.0
9	60	198.0	9 29.7
10	56	184.8	10 33.0
T		1788.6	356.4
\bar{x}		178.9	35.6

Sertoli Cells: seen

Remarks: tubules separated
? layer 39.6 μ

No. 20-86Date 1/6/62Spermatogenic Condition 6

	Seminiferous		Seminiferous	
	Interstitial Cell nuclear diam.	tubule diam.	epith. height	
1	55	181.5	12	39.6
2	57	168.3	10	33.0
3	52	171.6	12	39.6
4	62	204.6	15	49.5
5	60	198.0	12	39.6
6	65	214.5	15	49.5
7	53	174.9	16	52.8
8	41	135.3	9	29.7
9	45	148.5	9	29.7
10	55	181.5	12	39.6
T	1778.7		402.6	
\bar{x}	177.9		40.3	

Sertoli Cells: seenRemarks: ? layer = 19.8 μ

No. 20-87

Date

V/62

Spermatogenic Condition

6

Interstitial Cell	Seminiferous ⁽²⁾		Seminiferous	
	nuclear diam.	tubule diam.	epith. height	
1	55	181.5	17	56.1
2	54	178.2	12	39.6
3	58	191.4	12	39.6
4	60	198.0	12	39.6
5	55	181.5	15	49.5
6	61	201.3	10	33.0
7	52	184.8	16	52.8
8	71	234.3	10	33.0
9	54	178.2	10	33.0
10	61	201.3	19	62.7
T	1930.5		438.9	
\bar{x}	193.0		43.9	

Sertoli Cells: seen

Remarks:

? Layer 36-3μ

No. 20-88 Date 4/62Spermatogenic Condition 7

Interstitial Cell nuclear diam.	^② Seminiferous tubule diam.	Seminiferous epith. height
1	60 - 198.0	10 - 33.0
2	39 128.7	12 39.6
3	40 132.0	10 33.0
4	48 158.4	8 26.4
5	37 122.1	12 39.6
6	48 158.4	10 33.0
7	54 178.2	12 39.6
8	47 155.1	8 26.4
9	52 171.6	13 42.9
10	46 151.8	11 36.3
T	1554.3	349.8
\bar{x}	155.4	35.0

Sertoli Cells: seen

Remarks: _____

No. 20-94 Date VIII/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous ⁽²⁾ tubule diam.	Seminiferous epith. height
1	55 - 181.5	17 - 56.1
2	59 194.7	18 59.4
3	71 234.3	13 42.9
4	58 191.4	13 42.9
5	51 168.3	13 42.9
6	65 214.5	8 26.4
7	48 158.4	15 49.5
8	60 198.0	13 42.9
9	56 184.8	18 59.4
10	55 181.5	11 36.3
T	1907.4	458.7
\bar{x}	190.7	45.9

Sertoli Cells: seen

Remarks: small piece

No. 20-95Date VIII/62Spermatogenic Condition 7

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	25 - 82.5	6 - 19.8
2	24 79.2	6 19.8
3	23 75.9	5 - 16.5
4	22 72.6	6 19.8
5	22 72.6	6 19.8
6	23 75.9	8 26.4
7	25 82.5	7 23.1
8	25 82.5	7 23.1
9	25 82.5	7 23.1
10	22 72.6	6 19.8
T	778.8	211.2
\bar{x}	77.9	21.1

Sertoli Cells: seenRemarks: tubules 1 cell layer thick
? layer 39.6 μ

No. 20-98Date VIII/62Spermatogenic Condition 7

Interstitial Cell nuclear diam.	(2) Seminiferous tubule diam.		Seminiferous epith. height	
1	29	95.7	8	26.4
2	30	96.0	8	26.4
		99.0		
3	29	95.7	10	33.0
4	31	102.3	7	23.1
5	29	95.7	8	26.4
6	31	102.3	10	33.0
7	23	75.9	9	29.7
8	27	89.1	9	29.7
9	26	85.8	7	23.1
10	33	108.9	9	29.7
T	950.4		280.5	
\bar{x}	95.0		28.0	

Sertoli Cells: seenRemarks: tubules 1 cell layer thick
? layer = 92.4 μ thick

No. 20-99 Date 1X/62

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	15 - 49.5	
2	13 42.9	
3	12 39.6	
4	13 42.9	
5	15 49.5	
6	13 42.9	
7	12 39.6	
8	14 46.2	
9	16 52.8	
10	10 33.0	
T	438.9	
\bar{x}	43.9	

Sertoli Cells: seen

Remarks: very small piece

No. 20-100 Date 14/63
5
Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	81 - 267.3	22 - 72.6
2	85 280.5	18 59.4
3	65 214.5	17 56.1
4	67 221.1	21 69.3
5	58 191.4	19 62.7
6	66 217.8	23 75.9
7	60 198.0	12 39.6
8	67 221.1	21 69.3
9	69 227.7	20 66.0
10	64 211.2	16 52.8
T	2250.6	623.7
\bar{x}	225.1	62.4

Sertoli Cells: seen

Remarks: _____

? layer = 49.5 μ

No. 20-104 Date 11/6/3

Spermatogenic Condition 9

	(2)		Seminiferous epith. height
	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	
1		27 - 89.1	
2		31 102.3	
3		30 99.0	
4		29 95.7	
5		30 99.0	
6		31 102.3	
7		26 85.8	
8		25 82.5	
9		25 82.5	
10		39 128.7	
T		966.9	
\bar{x}		96.7	

Sertoli Cells: seen

Remarks: _____

No. 20-106 Date 4/63
Spermatogenic Condition 9

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	31 - 102.3	
2	28 92.4	
3	33 108.9	
4	30 99.0	
5	23 75.9	
6	26 85.8	
7	23 75.9	
8	24 79.2	
9	30 99.0	
10	21 69.3	
T	887.7	
\bar{x}	88.8	

Sertoli Cells: seen

Remarks: _____

No. 20-107

Date

4/6/63Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	48 - 158.9	19 - 62.7
2	43 141.9	18 33.0
3	43 141.9	11 36.3
4	39 128.7	15 49.5
5	45 148.5	14 46.2
6	52 171.6	15 49.5
7	45 148.5	11 36.3
8	43 141.9	11 36.3
9	48 158.4	20 66.0
10	46 151.8	15 49.5
T	1491.6	465.3
\bar{x}	149.2	46.5

Sertoli Cells: seen

Remarks:

2 layers 19.8 μ

No. 20-108 Date V/63

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	30 - 99.0	
2	26 85.8	
3	31 102.3	
4	31 102.3	
5	30 99.0	
6	36 118.8	
7	33 108.9	
8	30 99.0	
9	29 95.7	
10	36 118.8	
T	1029.6	
\bar{x}	103.0	

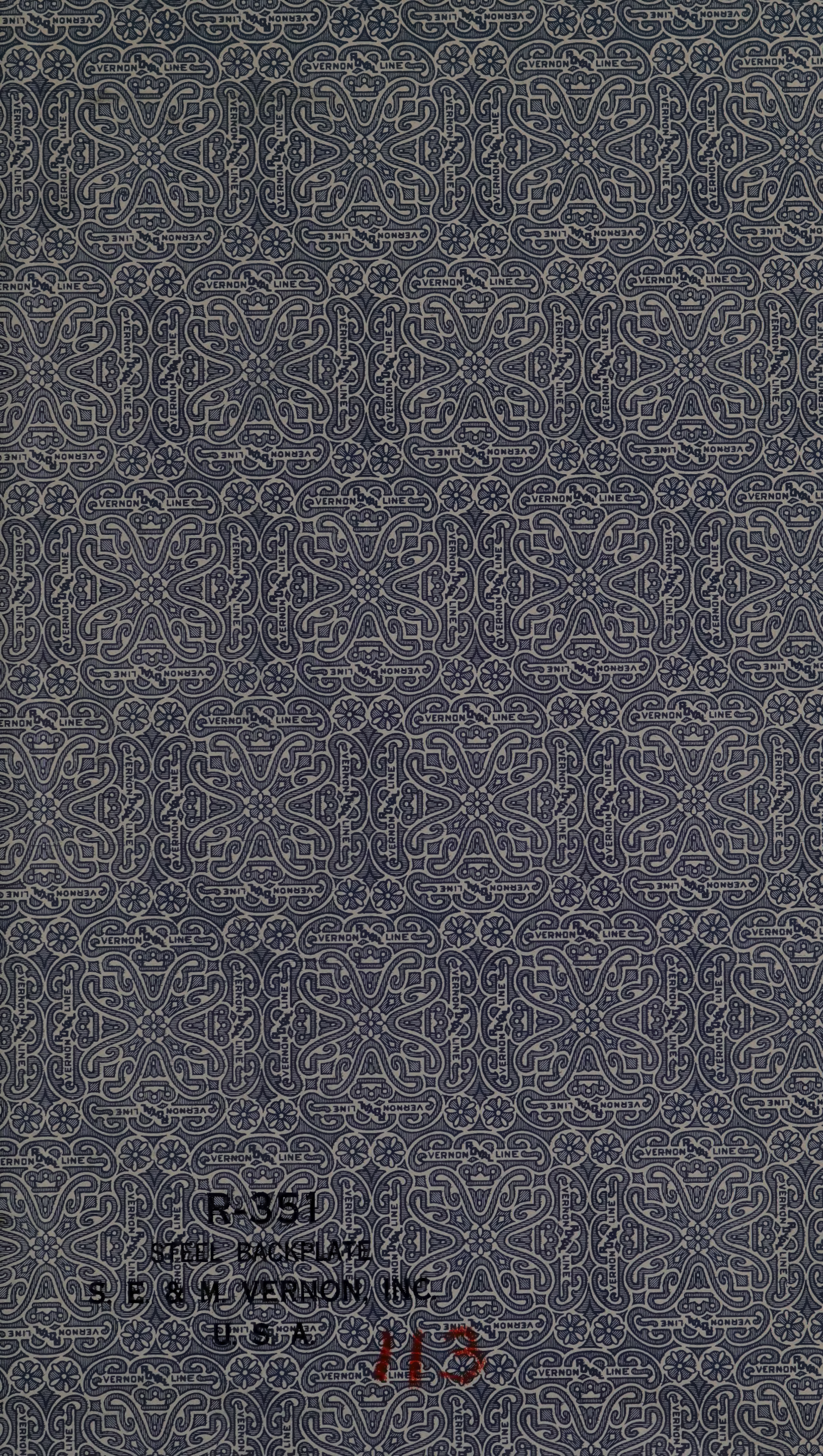
Sertoli Cells: seen

Remarks: _____

No. 20-111Date V/63
9Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	35 - 115.5	
2	26 85.8	
3	28 92.4	
4	37 122.1	
5	33 108.9	
6	36 118.8	
7	29 95.7	
8	35 115.5	
9	41 135.3	
10	34 112.2	
T	1102.2	
\bar{x}	110.2	

Sertoli Cells: seenRemarks: ? layer mostly 1 cell thick



R-351

STEEL BACKPLATE

S. E. & M. VERNON, INC.

U.S.A.



